PONOMAREV, M.

Efficient fire prevention promotion. Pozh.delo 3 no.3:28 Mr '57.
(MLRA 10:4)

(Kiev Province--Fire prevention)

PONOMAREV, M.

The occupation of automobile driver is not for drunkards. Avt. transp. 36 no.10:42 O '58. (MIRA 13:1)

1.Glavnyy inzhener Bryanskogo oblavtotresta.
(Drinking and traffic accidents)

PONOMAREV, M.

Sound - Recording and Reproducing

Repair of crystal of piezoelectrical sound pickup. Radio no. 9, 1952.

9. Monthly List of Russian Accessions, Library of Congress, December 1952 1953, Uncl.

SOV/136-58-10-1/27

AUTHORS: Berlinskiy, I.I. and Ponomarev, M.A.

TITLE: Ways of Reducing Flotation-reagents Consumption at Beneficiation Plants (Puti snizheniya raskhoda flotatsionnykh reagentov na obogatitel'nykh fabrikakh)

PERIODICAL: Tsvetnyye Metally, 1958, Nr 10, pp 1 - 2 (USSR)

ABSTRACT: At the Lyangar Beneficiation Works, scheelite, powellite, molybdenite and chalcopyrite are extracted from scarn ore, the corresponding minerals at the Dzhilausskaya Beneficiation Works being scheelite and pyrite. At each works, flotation-reagent consumptions have been reduced by 1.3 and 1.2 times, respectively, by increasing pulp density from 35 to 45% solid and from 30 to 38% solid, respectively. At the Lyangarskaya Works, a change to the addition of sodium sulphide into only the last stage of cleaning but then in larger quantities has led to a reduction in its consumption of several times. For over a year, conditioned oleic acid (Ref 2) has been successfully used, reducing its consumption by 20-30% and further reagent savings have been achieved by

Card 1/2

Ways of Reducing Flotation-reagents Consumption at Beneficiation Plants

water-spraying foam. At the Dzhilausskaya Works, savings have been achieved by providing more contact time and better contact for the reagent.
There are 2 Soviet references.

ASSOCIATIONS: Lyangarskaya obogatitel'naya fabrika (Lyangar Beneficiation Works) and
Dzhilausskaya obogatitel'naya fabrika
(Dzhilausskaya Beneficiation Works)

Card 2/2

PONOMAREV, M.A.

Unit for making wall stones using SM-15 ball mills for crushing binding materials. Suggested by M.A.Ponomarev. Rats.i izobr.predl.v stroi. no.11:54-56 '59. (MIRA 13:3)

1. Direktor Minskogo kirpichnogo zavoda No.2.
(Minsk--Building stones)

1. PONOMAREV, M. A.

2. USSR (600)

4. Furniture Industry

7. Improving quality and lowering cost of furniture. Der. i lesokhim. prom 1 no. 2 - 1952

Monthly Lists of Russian Accessions, Library of Congress, Mrach, 1953, Unclassfied.

L 22189-65 EWT(m)/EWG(s)-2/EWP(j) Pc-4/Pw-4 RM

ACCESSION NR: AR4049234 S/0081/64/000/014/S070/S070

SOURCE: Ref. zh. Khimiya, Abs. 14S480

AUTHOR: Verzal, A. I.; Ponomarev, M. A.; Rayetskaya, D. Ya.; Shreder, A. G.

TITLE: Properties and application of polymer-based concretes and mortars

CITED SOURCE: Sb. Proiz-vo stroit. izdeliy iz plastmass. Minsk, Vy*ssh. shkola, 1963, 218-239

TOPIC TAGS: polymer based concrete, plastic concrete, polymer based mortar, plastic mortar, polymer concrete property, polymer concrete application, organic admixture

TRANSLATION: The authors discuss the properties and fields of application of [illegible] types of concrete mixed with mineral and synthetic binders as a base. [illegible] low weight organic substances

various types ... low molecular weight ...
It is indicated that admixtures of low molecular ...

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ACCESSION NR: AR4049234

3

(i.e. surface active agents and plasticizers) or polymers strongly affect the
... processes occurring in concrete, as well as its physical and

of polymer-cement concrete

Card 2/3

L 22189-65
ACCESSION NR: AR4049234

plastic concrete), the study of properties of these materials and the feasibility of their use in construction. Z. Ivanova

SUB CODE: MT ENCL; 00

Card 3/3

PONOMAREV, M. D. PA 13/49T99

USSR/Medicine - Surgery Jul/Aug 48
Medicine - Biographies

"In Memory of Professor Vladimir Mikhaylovich Mysh," Docent M. D. Ponomarev, 1½ pp

"Voprosy Neyrokhirurgii" Vol XII, No 4

Obituary notice of Mysh, eminent lecturer and surgeon.

FTD 13/49T99

1. PONOMAREV, M. F.

2. USSR (600)

4. Afforestation

7. High level of cultivation techniques decides success in afforestation. Les i step' 5, no. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953, Uncl.

PONOMAREV, Mikhail Filippovich; KALASHNIKOV, K.A., red.; KOMONOV, A.S., red.izd-va; LELYUKHIN, A.A., tekhn. red.

[Fire prevention measures in drying wood] Protivopozharnye meropriiatiia pri sushke drevesiny. Moskva, Izd-vo M-va kommun.khoz. RSFSR, 1962. 107 p. (MIRA 16:5)
(Woodworking industries--Fires and fire prevention)
(Lumber--Drying)

PONOMAREV, M. F.

"Regarding the Flyer's Simple Motor Reaction Time," Voyeno-medits. zhur., No.2, pp 47-51, 1955

Verbatim translation D 312231, 16 Aug 55

POMOMAREV, M.F., kapitan med.sluzhby

Reaction to a moving object and the distance for opening fire from the air on a ground target. Voen.-med.zhur. no.11:56-59 N'56 (MIRA 12:1)

(AERIAL GUNNERY)
(REFLEXES)

Ponomarev, M. F.

USSR/Human and Animal Physiology - Physiology of [illegible]

Abs Jour : Ref Zhur - Biol., No 4, 1958, 18708

Author : M.F. Ponomarev

Inst :

Title : Simple Motor Reaction Time and Motor Reaction Components in Athletes.

Orig Pub : Teoriya i praktika fiz. kul'tyry, 1956, 19, No 8, 606-613

Abstract : Simple reaction time was examined among 46 athletes and 50 persons not concerned with sports in a standard form of experiment and in a modified version: transferring a finger from one key of the apparatus to the other. In this variation a separate notation was made of the time from the moment the lamp was lit until the finger was withdrawn ("latent component") and of the time from the moment the lamp was lit until the second key was pressed. The difference between the two was designated as the "motor component". Among the nonathletes the value of

Card 1/3

Card 3/3

PONOMAREV, M.F.

Effect of caffeine and bromine on tendency to premature or retard reactions in man [with summary in English]. Zhur.vys.nerv. deiat. 8 no.1:42-49 Ja-F '58. (MIRA 11:3)

1. Nauchno-issledovatel'skiy psikhonevrologicheskiy institut im. V.M.Bekhtereva.

(REFLEX,
premature & delayed reactions in man, eff. of bromides & caffeine (Rus)
(BROMIDES, effects,
on premature & delayed reactions in man (Rus)
(CAFFEINE, effects,
same)

PONOMAREV, M.F.

Effect of caffeine and bromide on latency and reaction time within a motor response [with summary in English]. Fiziol.zhur. 44 no.2:97-104 F '58. (MIRA 11:5)

1. Nauchno-issledovatel'skiy psikhonevrologicheskiy institut im. V.M. Bekhtereva, Leningrad.
(HUMAN ENGINEERING
eff. of caffeine & bromides on latency & reaction time of a motor response (Rus)
(CAFFEINE eff.
on latency & reaction time of a motor response (Rus)
(BROMIDES, eff.
same)

PONOMAREV, M.F.

Perception of time and the tendency to a premature or delayed reaction [with summary in English]. Vop.psikhol. 5 no.1:93-102 Ja-F '59. (MIRA 12:4)

1. Nauchno-issledovatel'skiy psikhonevrologicheskiy institut im. V.M. Bekhtereva, Leningrad.
(Time perception) (Reaction time)

PONOMAREV, M.F.

Paradoxical nature of the effect of bromine and caffeine on voluntary motor reactions. Fiziol.zhur. 45 no.12:1430-1437 D '59. (MIRA 13:4)

1. From the V.M. Bekhterev Psychoneurological Institute, Leningrad.
(BROMIDES pharmacol.)
(CAFFEINE pharmacol.)
(MOVEMENT physiol.)

PONOMAREV, M.F.

Experimental investigation of some motor reactions in connection with the perception of time. Vop.psikhol. 6 no.3:79-88 My-Je '60. (MIRA 14:5)

1. Nauchno-issledovatel'skiy psikhonevrologicheskiy institut imeni V.M.Bekhtereva, Leningrad.
(Time perception) (Movement, Psychology of)

L 63857-65

ACCESSION NR: AP5014889 UR/0142/65/008/002/0263/0270
621.382

AUTHOR: Ponomarev, M. F.; Popov, V. P.

TITLE: Calculating the parameters of a tapered semiconductor RC-circuit

SOURCE: IVUZ. Radiotekhnika, v.8, no. 2, 1965, 263-270

TOPIC TAGS: RC circuit, semiconductor RC circuit, micromodule

ABSTRACT: The well-known differential equations describing the current and voltage

Orig. Art. has: 3 figures, 10 formulas, and 3 tables.

ASSOCIATION: none

SUBMITTED: 17Apr64 ENCL: 00 SUB CODE: EC

Card 1/1 NO REF SOV: 003 OTHER: 003

PONOMAREV, A.F.; POPOV, V.I.

Calculation of the parameters of a nonuniform transistor RC circuit. Izv. vys. ucheb. zav.; radiotekh. 8 no.2:263-270 Mr-Ap '65. (MIRA 18:7)

L 6490-66 EWT(1)/EWA(h)

ACC NR: AP5020933 SOURCE CODE: UR/0142/65/008/003/0371/0373

AUTHOR: Ponomarev, M. F.; Popov, V. P.

ORG: none

TITLE: Effect of a complex load on the frequency characteristics of a selective RC circuit with distributed parameters

SOURCE: IVUZ. Radiotekhnika, v. 8, no. 3, 1965, 371-373

TOPIC TAGS: thin-film circuit, receiver selectivity, RC circuit, parametric equation

ABSTRACT: The RC filter connected to the amplifier stage feedback circuit is frequently used for selective amplification. The most practical form of this filter for use in thin-film and semiconductor microcircuits is a combination of an RC filter with distributed parameters and a supplementary resistance, as shown in Fig. 1.

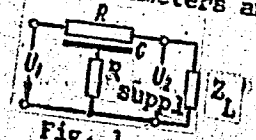

Fig. 1.

UDC: 621.372.2

Card 1/2

0901 2005

L 6442-66 EWT(1)/EWA(h)

ACC NR: AP5026197 SOURCE CODE: UR/0142/65/008/004/0451/0455

AUTHOR: Ponomarev, M. F.; Popov, V. P.; Kolesov, L. N.

ORG: none

TITLE: Effect of the resistance of a distributed RC-circuit base upon the characteristics of the selective filter

SOURCE: IVUZ. Radiotekhnika, v. 8, no. 4, 1965, 451-455

TOPIC TAGS: microelectronic circuit, microelectronic component

ABSTRACT: A microfilter comprising a semiconductor (or thin-film) RC-circuit and an additional resistor is theoretically considered. The effect of the base resistance NR upon the frequency characteristic slope and the transfer factor is analyzed for four schemes of connection of the additional resistor. Each scheme is regarded as two quadripoles connected in series. For a zero transfer factor, curves of the zero frequency, coefficient α_{01}, and characteristic slope vs. the coefficient $N = R_0/R$ (which characterizes the RC-circuit base resistance) are presented. It is found that the base resistance essentially impairs the selective-filter characteristics; hence, it is recommended that this resistance be reduced

Card 1/2

UDC: 621.375.13

0901 1808

L 6442-66
ACC NR: AP5026197

by metal plating the semiconductor base, by choosing suitable base material, or by suitable arrangement of contacts. Orig. art. has: 4 figures, 5 formulas, and 2 tables.

SUB CODE: EC/ SUBM DATE: 09Jul64/ ORIG REF: 000/ OTH REF: 005

Card 2/2

PONOMAREV, M.F.

Calculation of a "quasi resonant" frequency of a selective RC amplifier with a null filter with distributed parameters. Izv.vys.ucheb.zav.; radiotekh. 8 no.4:498-500 Jl-Ag '65. (MIRA 18:11)

1. Submitted February 15, 1965.

L 34854-66 EWT(1)

ACC NR: AP6015154 SOURCE CODE: UR/0142/66/009/002/0252/0256

AUTHOR: Ponomarev, M. F.

ORG: none

TITLE: Selective RC-amplifier

SOURCE: IVUZ. Radiotekhnika, v. 9, no. 2, 1966, 252-256

TOPIC TAGS: transistorized amplifier, audio frequency amplifier, amplifier design, microminiaturization

ABSTRACT: H. G. Dill has suggested the use of inductance analogs in miniature bandpass amplifiers (IRE Trans., MIL-5, 1961, no. 3, 239). As the Q-factor of a conventional reactive transistor is not better than 5, the use of composite transistors is proposed. A principal circuit of a composite-transistor RC-amplifier is replaced with an equivalent block diagram, and a composite-

Card 1/2 UDC: 621.375.123

L 34854-66

ACC NR: AP6015154

transistor reactance-converter circuit is isolated. Assuming frequency-independent transistor parameters (audio frequencies), formulas for maximum Q-factor, equivalent-circuit impedance, and their variations due to various destabilizing factors are developed. The frequency characteristics of the equivalent circuit differ from those of a conventional LC-circuit only at frequencies lying considerably below the resonance. Experimental data obtained from a two-stage composite-transistor 5800-cps amplifier is reported. Considerable temperature instability (up to 50C) of the resonance frequency and Q is evident. Orig. art. has: 9 figures, 8 formulas, and 1 table.

SUB CODE: 09 / SUBM DATE: 07Jul65 / ORIG REF: 001 / OTH REF: 001

Card 2/2

KUZNETSOV, Semen Ivanovich; PONOMAREV, M.F., spets. red.;
PATENOVSKAYA, M.I., red.

[Fire prevention in work involving fire hazards] Pozharnaia profilaktika pri proizvodstve ognevykh rabot. Moskva, Stroiizdat, 1964. 66 p. (MIRA 17:12)

ACCESSION NR: AP4029463 S/0108/64/019/004/0063/0067

AUTHOR: Ponomarev, M. F. (Active member)

TITLE: Effect of transistor interlead capacitance and wiring capacitance upon the reverse-transfer-voltage parameter

SOURCE: Radiotekhnika, v. 19, no. 4, 1964, 63-67

TOPIC TAGS: transistor, transistor parameters, reverse transfer voltage parameter, transistor interlead capacitance

ABSTRACT: In analyzing the stability of transistorized common-base r-f amplifiers, the effect of the emitter-collector-lead capacitance and wiring capacitance has often been unduly neglected. The article clarifies and evaluates the effect of this combined capacitance C on the reverse-transfer-voltage parameter h_{12} in P401-P403 drift transistors at 1-30 mc. The study of an equivalent circuit of a drift transistor reveals that C influences both the modulus

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ACCESSION NR: AP4029463

and the phase of h_{12}; this conclusion was experimentally corroborated at 5, 10, and 20 mc. With small emitter currents (under 1 ma), the effect of C is found to be substantial. In designing neutralization in r-f amplifiers, it is recommended that an allowance be made for C. With large emitter currents, a simple RC circuit may be used for neutralisation. Orig. art. has: 9 figures, 9 formulas, and 1 table.

ASSOCIATION: Nauchno-tekhnicheskoye obshchestvo radiotekhniki i elektrosvyazi (Scientific and Technical Society of Radio Engineering and Electrocommunication)

SUBMITTED: 18Sep62 DATE ACQ: 30Apr64 ENCL: 00

SUB CODE: EC NO REF SOV: 002 OTHER: 001

Card 2/2

PONOMAREV, M.F.

Effect of the capacitance between the transistor leads and wiring capacitance on the voltage feedback parameter. Radiotekhnika 19 no. 4:63-67 Ap '64. (MIRA 17:5)

1. Deystvitel'nyy chlen Nauchno-tekhnicheskogo obshchestva radiotekhniki i elektrosvyazi imeni Popova.

S/137/60/000/011/011/043
A006/A001

Translation from: Referativnyy zhurnal, Metallurgiya, 1960, No. 11, p.115, # 26121

AUTHOR: Ponomarev, M.G.

TITLE: A Particular Case of Contact of Two Elastic Bodies and the Application of the Solution Obtained to the Determination of the Contact Length of the Roll With the Metal

PERIODICAL: Tr.Gor'kovsk. politekhn. in-ta, 1959, Vol.15, No.3, part 1, pp.5-17

TEXT: A method is described of determining the length of the grip arc in cold rolling of thin sheets, based on the plane contact problem of the theory of elasticity. It is noted that conditions of a smooth cylindrical roll contacting the rolled strip correspond to the contact of a cylinder with a plane.

A.G.

Translator's note: This is the full translation of the original Russian abstract.

Card 1/1

PONOMAREV, M.G., kand. tekhn. nauk

Investigating engineering properties of 9X steel heat treated for various hardness. Trudy GPI 18 no.4:105-112 '63.
(MIRA 17:9)

PONOMAREV, M.G., kand.tekhn.nauk

Particular case of the contact of two elastic solids and the application of obtained solution to the determination of the contact of a roll with a metal. Trudy GPI 15 no.3:5-17 '59. (MIRA 14:10)
(Elastic solids) (Rolling (Metalwork))

PONOMAREV, M.G., kand.tekhn.nauk

Determining the total radial crumpling of rolls. Trudy GPI 15 no.3:18-21 '59. (MIRA 14:10)
(Rolls (Iron mills)--Testing)

PONOMAREV, M.G., kand.tekhn.nauk

Determining local stresses in working rolls. Izv.vys.ucheb. zav.; mashinostr. no.6:52-60 '59. (MIRA 13:5)

1. Gor'kovskiy politekhnicheskiy institut.
(Rolls(Iron mills))

PONOMAREV, M.G., kand. tekhn. nauk

On I.Sh. Rabinovich's article "Solutions of the problem of contact of cylinders with parallel axes." Trudy GPI 17 no.3:88-90 '61. (MIRA 16:12)

SOV/124-58-11-13099

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 11, p 175 (USSR)

AUTHOR: Ponomarev, M.G.

TITLE: A Particular Case of the Plane Problem of the Theory of Elasticity Involving an Elastic-plastic Contact (Chastnyy sluchay ploskoy zadachi teorii uprugosti s uprugo-plasticheskim kontaktom)

PERIODICAL: Tr. Gor'kovsk. politekhn. in-ta, 1957, Vol 13, Nr 4, pp 56-83

ABSTRACT: The author examines a two-dimensional problem on the determination of local stresses in an elastic body under boundary conditions of elastic-plastic contact, a situation encountered during working of metals by pressure (rolling, plane upsetting). The normal pressure and frictional forces on the contact surface are taken into consideration. Instances of distribution of pressure in accordance with linear, parabolic (with nonsymmetrical branches), and complex curvilinear laws are studied. Theoretical computations were verified experimentally on a projection-type apparatus, PPU-4, employing polarized light. The results of the experiment are given. The deviation among maximal values of stresses at points along a neutral vertical axis and at points in its immediate vicinity varies

Card 1/2

A Particular Case of the Plane Problem of the Theory of Elasticity (cont.)

from 2 to 15%. It is demonstrated that the experimental graph of rolling pressures may be replaced by an equivalent elliptical graph without introducing serious errors.

S. M. Zavartsev

POMOMAREV, M.G., inzh.

Elastic deformations in contact surfaces and the dimension of the area of contact of rolls and rolled metal. Trudy GPI 13 no.8:78-92 '58. (MIRA 13:2)

(Rolling (Metalwork))

VERKHOVSKIY, A.V., prof.; GLYAVIN, Yu.V., dots.; LUPANOVA, O.K., dots.; MOKEYEV, I.I., dots.; USPENSKAYA, A.N., dots.; PONOMAREV, M.G., dots.; CHARYSHNIKOV, K.A., st. prepod.; ARANOVICH, V.M., assistent; PLOTNIKOV, G.I., assistent; PELEVINA, T.I., red.

[Handbook for the solution of problems on the strength of materials] Posobie k resheniiu zadach po soprotivleniiu materialov. Volgo-Viatskoe knizhnoe izd-vo, 1965. 319 p. (MIRA 19:1)

1. Gorki. Politekhnicheskiy institut. 2. Kafedra "Soprotivleniye materialov" Gor'kovskogo politekhnicheskogo instituta (for all except Pelevina).

PONOMAREV, M. I. DECEASED 1951

Radio Engineering

see ILC

PONOMAREV, M.I., inzh.; KONONOV, V.A., inzh.

Change of a network for the automatic start of a compressor. Avtom., telem. i sviaz' 9 no.11:33 N '65.

(MIRA 18:12)

1. Laboratoriya signalizatsii i svyazi Vostochno-Sibirskoy dorogi.

PONOMAREV, M.S.

Relation between the "iron ore formation" and the phyllite-
-arkose formation of the Protozoic in the Krivoy Rog Basin.
Sov. geol. 7 no.7:136-141 Jl '64.
(MIRA 17:11)

PONOMAREV, M.S.

Relict sedimentary structures in pre-Cambrian phyllites of the Krivoy Rog Basin. Sov.geol 1 no.7:150-152 Jl '58.
(MIRA 11:11)

(Krivoy Rog Basin--Phyllites)

PONOMAREV, M.S.

Terms "pseudomicaceous hematite" and "pseudomicaceous ferruginous ore." Sov. geol.3 no.6:131-132 Je '60. (MIRA 13:11)
(Iron ores)

PONOMAREV, M.S.

Recent data on the correlation of metamorphic strata of the Krivoy Rog Basin with the Saksagan' plagioclase granites. Dokl.AN SSSR. 133 no.4:917-920 Ag '60. (MIRA 13:7)
(Krivoy Rog Basin--Geology, Stratigraphic)

PONOMAREV, M.T. (Col.)

Scheduled to defend his dissertation, "Soviet Military Science on the Role of the Economic Factor in Modern Warfare," for the degree of candidate of economic sciences, at 1200 hours on 1 Dec 1953 at the Military Political Academy imeni V.I. Lenin in Moscow. (Krasnaya Zvezda, 18 Nov 53)

SO: Summary #145, 1 June 1954.

PONOMAREV, M.V.

LEVYATOV, A.E., inzhener; PONOMAREV, M.V., inzhener.

Finishing bent furniture by spraying. Der.i lesokhim.prom.3 no.3:22-23 Mr '54. (MLRA 7:3)

1. Moskovskaya mebel'naya fabrika No.5 Glavmebel'proma.
(Spray painting)

POMCHAYEV, N., polkovnik

Union of fire and movement. Voen. znan. 34 no. 5:19-20 My '58.
(MIRA 11:7)

(Russia--Army)
(Infantry drill and tactics)

PONOMAREV, N., podpolkovnik, kand. filosofskikh nauk

Crisis of bourgeois theories of war and peace. Komm. Vooruzh. Sil 4 no.16:9-17 Ag '64. (MIRA 17:10)

PONOMAREV, N., kand. tekhn. nauk

From the history of supplying Siberia with grain; Russian peasant, A.S. Babinov, builder of the first road across the Urals in the 16th century. Muk.-elev. prom. 29 no.4:29-30 Ap '63. (MIRA 16:7)
(Ural Mountains—Roads)

PONOMAREV, N., kand.tekhn.nauk

From the history of the construction of water mills by Columbus in the Western Hemisphere. Muk.-elev. prom. 29 no.6:31 Je '63. (MIRA 16:7)

(West Indies--Flour mills) (Colombo, Cristoforo)

PONOMAREV, N., kand.tekhn.nauk

History of sifters. Muk.-elev. prom. 26 no. 12:25 D '60.
(MIRA 13:12)
(Sieves) (Flour mills--Equipment and supplies)

PONOMAREV, N., kand.tekhn.nauk

From the history of the development of machines. Muk.-elev. prom. 29 no.11:32 N '63. (MIRA 17:2)

PONOMAREV, N., kand.tekhn.nauk

For a good textbook on grain milling ("Technology of grain milling" by I.A. Naumov. Reviewed by N.Ponomarev). Muk.-elev.prom. 26 no.2: 32-3 of cover. F '60. (MIRA 13:6)

(Grain milling) (I.A.Naumov)

DIL', A.; CHARUGINA, N.; BORODIN, A.; SOLODOVNIK, P.; SKLYAR, I.; SOLOVKIN, N.; POTAPOV, G.; PONOMAREV, N.; ALEKHIN, I. ; SOLOMENTSEV, K.; TOPYLIN, N.; SKOROVAROV, M.; KARABANOV, S.; BOGDANOV, N.; STRYUKOV, P.

Nikolai Vasil'evich Romenskii (on the occasion of the 40th anniversary of his scientific, pedagogic, and public activity). Muk.-elev. prom. 24 no.12:29-30 D '58. (MIRA 12:1)
(Romenskii, Nikolai Vasil'evich, 1894-)

PONOMAREV, N., kand.tekhn.nauk

Mechanical ventilation of grain. Muk.-elev. prom. 24 no.8:30 Ag '58. (MIRA 11:10)

(Grain--Drying)

PONOMAREV, N., kandidat tekhnicheskikh nauk.

Dam and flour mill on the Volkhov River in the beginning of the 16th century. Muk.-elev.prom. 22 no.4:32-3 of cover Ap '56. (MLRA 9:8)

(Volkhov River--Flour mills)

POMOMAREV, N., kand.tekhn.nauk

History of water mills. Mak.-elev.prom. 25 no.7:29-30 Jl '59.
(MIRA 12:11)

(Flour mills)

PONOMAREV, N.A.

Time, location and equipment of the first water mills. Trudy Inst. ist.est. i tekh. 13:102-122 '55. (MIRA 10:1)
(Grain milling--History)

PONOMAREV, N. A., and GAVRILOV, N.A.

"Method of Preserving Material from Wild Rodents at the Time of Sending Them to the Laboratory."

Voyenno -Meditsinskiy Zhurnal, No. 5, 1961 PP.80-84

PONOMAREV N. A

USSR / Weeds and Weed Control N

Abs Jour: Ref Zhur-Biol., 1958, No 17, 77950

Author : Fedyun'kin, D. F.; Ponomarev, N. A.
Inst : Not given
Title : Contamination of Young Crops, Soils and Seeds and Several Methods of Weed Control in the Environs of the Molotovskaya Oblast

Orig Pub: Tr. Molotovsk. s.-kh. in-t, 1957, 15, 111-131

Abstract: In 1951-1952, in the kolkhozes of Permskaya oblast, there was much strangulation of young crops (over 100 weeds per 1 m^2 and 113 of weed plants), which is the consequence of agrotechnical impairments in the rotation of crops, bad cultivation of soil,

Card 1/3

PONOMAREV, N.A.; SHILOV, M.N.

Use of an aerovisual method for calculating the number of colonies of large gerbils. Voen.-med. zhur. no. 6:84 Je '60. (MIRA 13:7)

(GERBILS)

PONOMAREV, N.A.

Time and place of appearance of the first windmills. Trudy Inst.ist. est.i tekh. 29:352-374 '60. (MIRA 13:6)
(Windmills)

GOVOROV, Nikolay Alekseyevich; PONOMAREV, N.A., kandidat tekhnicheskikh nauk, redaktor; GEL'MAN, D.Ya., redaktor; VASIL'KOV, V.A., glavnyy redaktor izdatel'stva; GOLUBKOVA, L.A., tekhnicheskiy redaktor

[Mechanization of labor-consuming processes of sacking in mills and groats plants] Mekhanizatsiia trudoemkikh rabot v vyboinykh otdeleniiakh mel'nits i krupozovodov. Pod red. N.A.Ponomareva. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam mukomol'no-krupianoi, kombikormovoi promyshl. i elevatorno-skladskogo khoziaistva Khlebo-izdat, 1956. 91 p. (MLRA 10:2)
(Flour mills--Equipment and supplies)

PONOMAREV, N. A.

Metal-Cutting

Pipe cutting machine S-246A., Mekh. stroi., 9, no. 2, 1952.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

PONOMAREV, N.B.

Device for removing burrs from slots. Mashinostroenie no.1:102-103 Ja-F '62. (MIRA 15:2)
(Grinding and polishing)

PONOMAREV, N.D.

Pathogenesis and therapy of intestinal obstruction due to ascariasis. Med. paras. i paraz. bol. no.2:118-120 Ap-Je '54. (MLRA 7:8)
(ASCARIDS AND ASCARIASIS)
(INTESTINES--OBSTRUCTIONS)

PONOMAREV, N.A.

Hemosulfanilamide block therapy of suppurative wounds. Vest.khir. Grekova 70 no.6:23-26 1950. (CIML 20:5)

1. Head of the Surgical Division of Sambor Municipal Hospital, Drogobychskaya Oblast.

PONOMAREV, NIKOLAY ALEKSANDROVICH.

PONOMAREV, Nikolay Aleksandrovich, inzhener; SMIRNOV, V.S., professor [redaktor].

[English-Russian dictionary of technical terms on the milling of flour, coarse meal and feed mixtures, and those pertaining to the operation of grain elevators] Anglo-russkii slovar' tekhnicheskikh terminov po mukomol'nomu, krupianomu i kombikormovomu proizvodstvu i elevatornomu khoziaistvu. 2., dop. izd. Moskva, Gos. izd-vo tekhn.i ekon. lit-ry po voprosam zagotovok, 1953. 107 p. (MLRA 7:2)
(Flour mills--Dictionaries) (English language--Dictionaries--Russian)

DATSKO, V.G., doktor khim. nauk; PONOMAREV, N.F., doktor khim. nauk; FESENKO, N.G., kand.khim. nauk; BRAZHNIKOVA, L.V., kand.khim.nauk

The 17th hydrochemical conference. Zhur. VKHO 8 no.6:695 '63. (MIRA 17:2)

PONOMAREV, N.F., otv. za vypusk.

[Traffic regulations for the streets andhighways of the U.S.S.R.] Pravila dvizheniia po ulitsam i dorogam Soiuza SSR. Minsk, Izd-vo "Zvizda," 1961. 143 p.
(MIRA 14:5)

(Traffic regulations)

20574

S/109/61/006/002/006/023
E140/E435

9.1912 (also 2603)

AUTHOR: Ponomarev, N.G.

TITLE: Graphical Method for Plotting Aplanatic Antenna Profiles

PERIODICAL: Radiotekhnika i elektronika, 1961, Vol.6, No.2, pp.214-220

TEXT: The article considers reflector and lens antennas in which the beam is oscillated by periodic motion of the primary radiator. To obtain undistorted directional patterns under these conditions the "sine condition" known from optics must be satisfied. By analogy to the corresponding optical system such antennas are termed aplanatic. Since in addition to the sine conditions such antennas must satisfy the iso-phase condition, two reflecting or refracting surfaces are required. Since an analytic solution of the problem is very complicated, the author proposes a graphical method similar to that due to A.S.Dunbar (Ref.3) for doubly-curved reflector antennas. An example of a double-reflecting system constructed by the method is given in Fig.9 and the experimentally obtained directional patterns achieved by the use of the antenna

Card 1/4

Graphical Method for ...

are given in Fig.10. In a range of beam oscillation ± 50° the beam width varies by a factor of 2:1 while the maximum side lobe reaches 15%. Acknowledgments are expressed to L.S.Benenson for his interest in the work and comments. There are 10 figures and 5 references: 3 Soviet and 2 non-Soviet.
SUBMITTED: May 28, 1960

X

38462
S/109/62/007/006/004/024
D266/D308

9,1700

AUTHOR: Ponomarev, N. G.

TITLE: Radiation pattern of scanning antennas

PERIODICAL: Radiotekhnika i elektronika, v. 7, no. 6, 1962, 949-962

4

TEXT: The paper is concerned with analysis and synthesis of antennas, whose excitation is not restricted to one particular frequency. Assuming that all the frequency components up to Ω, are present and introducing the time retardation $t - \frac{R}{C}$ (R - distance from the center of the antenna to the point investigated), the total radiation pattern (summarizing the fields for all frequency components) is obtained. Assuming that $\vec{J}(\vec{\rho},t)$ is a periodic function of $T_o = 2\pi/\Omega_o$ it can be expanded into a Fourier series. Assuming furthermore that

Card 1/3

Radiation pattern of ...

$$\text{Max}\left|\frac{\Omega}{\omega_o}\right| = \frac{\Omega_1}{\omega_o} \ll 1 \qquad (12)$$

4

and introducing the concept of the partial radiation pattern, the total radiation pattern is formulated. This is equivalent to regarding each frequency component as a monochromatic source and adding the individual radiation patterns in the correct phase. Two examples of linear antennas are worked out where it is sufficient to consider the radiation pattern in one plane. In the first example an M element array is investigated where the distance between the elements is d in the air and l along the transmission line. A frequency modulated signal and a travelling wave is assumed. The partial radiation patterns are calculated and it is shown that even for a small bandwidth the total radiation pattern may suffer appreciable distortions. In the second example the properties of a continuous line source are investigated having a current distribution:

PONOMAREV, N. G.

Concerning the article "Radiation pattern of sweeping-beam antennas." Radiotekh. i elektron. 8 no.1:184 Ja '63. (MIRA 16:1)

(Antennas(Electronics))

L 21951-66 EWT(1)/T JK

ACC NR: AP6014447 SOURCE CODE: UR/0016/65/000/010/0043/0047

AUTHOR: Ponomarev, N. G.

ORG: All-Union Antiplague Research Institute "Mikrob" (Vsesoyuznyy nauchno-issledovatel'skiy protivochumnyy institut "Mikrob")

TITLE: Use of the Higuchi-Smith medium to improve the immunogenic properties of plague vaccine strains

SOURCE: Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 10, 1965, 43-47

TOPIC TAGS: bacteria, bacteriology, immunology, vaccine

ABSTRACT: Past. pestis variants with high immunogenic activity were obtained by selection on the Higuchi-Smith medium. Variants were obtained from the approved EV vaccine strain which had somewhat more pronounced immunological effectiveness. Selection on a medium with a calcium deficiency made it possible to isolate from degraded vaccine strain I subcultures equal in immunological activity to the industrial EV strain. Thus, the immunological activity of industrial vaccine strains can be maintained at the desired level by selecting appropriate subcultures on the Higuchi-Smith medium. Orig. art. has: 4 tables. [JPRS]

SUB CODE: 06 / SUBM DATE: 05Feb64 / ORIG REF: 002 / OTH REF: 001

Card 1/1 UDC: 615.371/372-012:576:851.45.093.1

L 4952-65 EWT(1)/EWA(j)/EWA(b)-2 BW/JK

ACCESSION NR: AP5014289 UR/0016/65/000/006/0064/0068
576.851.45.097.21.095.58:616.981.452.095.371

AUTHOR: Akimovich, V. V.; Nikolayev, N. I.; Zykin, L. F.; Ponomarev, N. G.; Popov, S. S.

TITLE: In vitro selection of virulent P. pestis variants with vaccinal properties

SOURCE: Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 6, 1965, 64-68

TOPIC TAGS: plague vaccination, plague, Pasteurella pestis

ABSTRACT: The first step in obtaining subcultures of *Pasteurella pestis* with vaccinal properties is to select variants with altered virulence on the basis of [illegible] pigmented colonies on a medium with hemin (Jackson-

Card 1/2

L 54952-65
ACCESSION NR: AP5014289

virulence; they are avirulent to mice (in a dose of 1×10^7) but their virulence must increase when administered with iron salts (without restoration of their capa-

art. has: 1 table.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy protivochumnyy institut "Mikrob," Saratov ("Microbe" All-Union Plague Scientific Research Institute)

SUBMITTED: 29May64 ENCL: 00 SUB CODE: LS

NO REF SOV: 001 OTHER: 002

Card 2/2

PONOMAREV, N.I.

Working with a textbook in a physics class. Fiz. v shkole 23 no.3:83-84 My-Je '63. (MIRA 16:12)

1. Bykovskaya srednyaya shkola Volgogradskoy oblasti.

DUNAYEVSKIY, V.I.; LAPSHOV, L.L.; PONOMAREV, N.I.

Redistribution of torque during straightening on roller sheet levellers. Met. i gornorud. prom. no.6:38-39 N-D '64.
(MIRA 18:3)

PONOMAREV, N. K.

32674. Voprosu o vnutrikotlovoy ochistke vody antinakipinami. Trudy gor'k. In-ta inshenerov vod. transporta, vyp. 9, 1949, s. 166-78

SO: Letopis' Zhurnal'nykh Statey, Vol. 44, Moskva, 1949

ACC NR AP7005520 SOURCE CODE: UR/0363/67/003/002/0275/0279

AUTHOR: Krol', L. Ya; Ponomarev, N. M.; Rakov, V. V.; Yeremeyev, V. V.

ORG: Giredmet

TITLE: Determination of the diffusion coefficients of arsenic vapor in argon and helium

SOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 3, no. 2, 1967, 275-279

TOPIC TAGS: arsenic, gas diffusion, argon, helium

ABSTRACT: The diffusion coefficients of arsenic vapor in argon and helium were determined in the 1.8-5.5 abs. atm. range by Stefan's stationary method. Based on experimental data, the diffusion coefficients reduced to standard conditions were calculated to be: in Ar, $D_{0\,As_4}$ = (0.122±0.006) cm^2/sec, and in He, $D_{0\,As_4}$ = (0.174±0.009) cm^2/sec. The absolute experimental error did not exceed 5%. In the investigated range of temperatures and pressures, the diffusion coefficients of arsenic vapor were inversely proportional to the total pressure of the mixture at constant temperature; this behavior confirms Loschmidt's law. It is shown that a good approximation of the temperature dependence of the diffusion coefficient at constant pressure is the Maxwellian model of intermolecular interaction, which expresses the parabolicity of this dependence. Orig. art. has: 2 figures, 1 table and 3 formulas.

SUB CODE: 07/ SUBM DATE: 28Dec65/ ORIG REF: 002

Card 1/1 UDC: 533.15:546.19

AUTHORS: Ponomarev, N.N., Engineer SOV-28-58-4-13/35

TITLE: Standardizing the Methods of Stand Testing Air Purifiers (K standartizatsii metodov stendovykh ispytaniy vozdukho-ochistiteley)

PERIODICAL: Standartizatsiya, 1958, Nr 4, pp 46 - 47 (USSR)

ABSTRACT: The existing test methods for air purifiers do not ensure satisfactory results. Due to the lack of information on the effect of the mineralogical composition of the dust on air-purifier operations, it is not possible to obtain experimental standard dust and to set up standard test methods for all air purifiers of transport machines. Based on dispersion analysis, developed by N.A. Figurovskiy, and on preliminary investigations, experimental tests were carried out on different purifiers in order to find an experimental dust type by determining the dependence of the passage coefficient of the purifier on the specific dust surface. Technological recommendations as to how to obtain the standard dust type are given.

ASSOCIATION: NAMI

1. Air--Purification 2. Test sets--Standardization

Card 1/1

PONOMAREV, N.N.

Evaluating the quality of dust in testing air cleaners. Avt.prom. no.3:16-19 Mr '60. (MIRA 13:6)

1. Gosudarstvennyy soyuznyy ordena Trudovogo Krasnogo Znameni nauchno-issledovatel'skiy avtomobil'nyy i avtomornyy institut.
(Air filters--Testing)

KINASOSHVILI, R.S., prof.; TALAKVADZE, V.V., inzh.; PONOMAREV, N.N., inzh.

Letters to the editor. Vest.mash. 40 no.7:36-37 Jl '60.
(MIRA 13:7)

(Mechanical engineering)
(Mechanical drawing)

PONOMAREV, N.N., inzh.

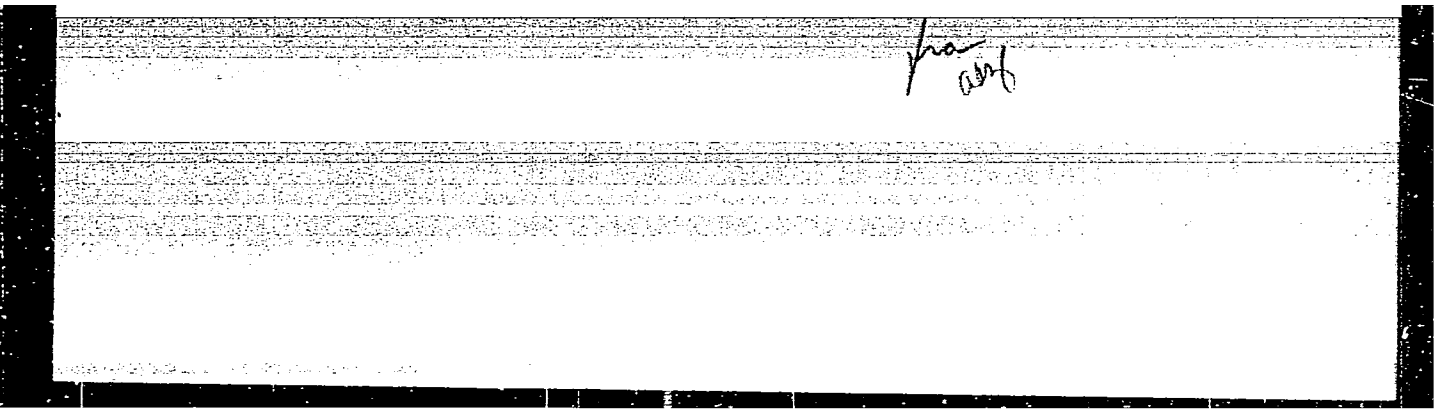
Standardizing the checking of air filters on stands. Standartizatsiia 22 no.4:46-47 Jl-Ag '58. (MIRA 11:10)

1.Gosudarstvennyy soyuznyy ordena Trudovogo Krasnogo Znameni nauchno-issledovatel'skiy avtomobil'nyy i avtomotornyy institut.
(Air filters--Testing)

PONOMAREV, N.N. Measurements - Standards

154. AN EQUIPMENT FOR HIGH-VOLTAGE TESTS OF MEASURING APPARATUS.—N. N. Ponomarev & N. N. Razumovski. (*Izvestiya Elektrozavod. Stab Toka*, No. 8, 1940, pp 46–48)

A description is given of an equipment developed in which the voltage applied to the apparatus under test can be gradually increased to the required value up to 3500 v without altering the shape of the voltage curve, and precautions are taken against possible damage by the spark caused by a local breakdown. The equipment meets the Russian technical regulation that such equipment should have a minimum capacity of 0.5 kVA.



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TALAKVADZE, V.V.; PONOMAREV, N.P.

A good substitute for parchment paper. Mashinostroitel' no.5:17 My '60. (MIRA 14:5)
(Mechanical drawing--Equipment and supplies)

PONOMAREV, N.P.

Mechanization of the system of bottling carbonated beverages. (MIRA 14:4)
Spirt.prom. 27 no.2:32-33 '61.
(Chelyabinsk Province—Bottling machinery)

Ponomarev, N.P.

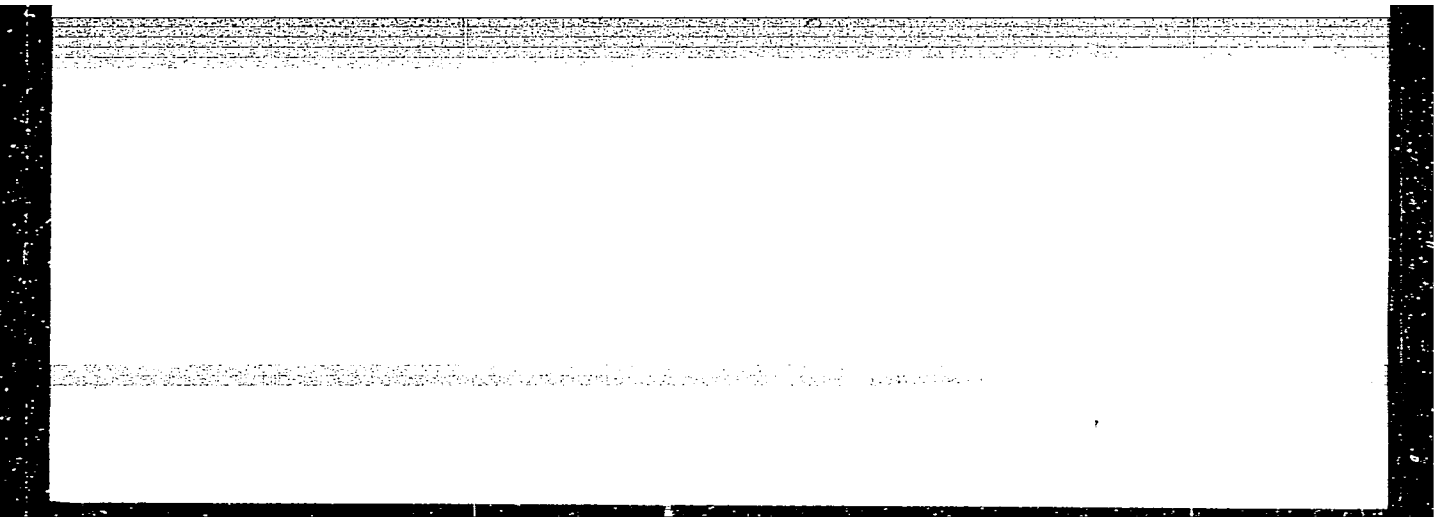
PONOMAREV, N.P.

Mechanical removal of straw and leaves during hydraulic conveying of potatoes. Spirt.prom. 23 no.6:36-37 '57. (MIRA 10:12)
(Distilling industries--Equipment and supplies)

POKOMAREV, N.P.

Direct conveying of sorted bottles to washers. Spirt. prom. 23 no.2: 25-26 '57. (MIRA 10:4)

1. Chelyabinskiy spirtotrest.
(Conveying machinery) (Bottle washing)



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POMOMAREV, M.P.

Heating malt slurry. Spirt. prom. 22 no.4:19-20 '56.
(MLRA 10:2)

1. Chelyabinskiy spirtovyy trest.
(Malt)

PONOMAREV, N.P.

Over-all mechanization of composing shops. Stek. i ker. 17 no.12:35-36 D '60. (MIRA 13:11)

(Glass manufacture)